

Microsoft®

SharePoint® Workspace 2010

The Offline Client for SharePoint 2010

Hans Brender
Senior PreSales Consultant

Hans.Brender@sqt.net



Microsoft®

SharePoint® Workspace 2010

The Offline Client for SharePoint 2010

Hans Brender
Senior PreSales Consultant

Hans.Brender@sqtinet



Contact-Details

- Hans Brender
CEO sqtm PSC GmbH
- Telefon 07361-460791
Mobil 0171-7736198
- E-Mail Hans.Brender@sqt.net
v-HansB@Microsoft.com
- FaceBook www.facebook.com/hans.brender
- Twitter twitter.com/HansBrender
- Blog hansbrender.wordpress.com
- XING www.xing.com/profile/Hans_Brender





sqtm PSC GmbH

skill **q**uality **t**raining **m**anagement

Mediation of **P**re**S**ales **C**onsultants

IT Consulting

Training (individual)

Excellent Microsoft product know-How
since 10 years Microsoft vendor

Agenda

Historie

SharePoint Workspace 2010 – P2P

SharePoint Workspace 2010 – Offline Client

Deployment

Szenarios

Tips and Tricks

Groove Server 2010

Agenda

Historie

SharePoint Workspace 2010 – P2P

SharePoint Workspace 2010 – Offline Client

Deployment

Szenarios

Tips and Tricks

Groove Server 2010

Historie



American
programmer

1984 Iris
Associates

Lotus Notes

1994
Acquisition
by Lotus

1955
Acquisition
by IBM

2000 Groove
Networks

2006 CTO at
Microsoft

2005
Acquisition
by Microsoft

CSA 2008 at
Microsoft



2010
???

Historie



Groove 3.0



Groove 2007



SharePoint Workspace 2010

Agenda

Historie

SharePoint Workspace 2010 – P2P

SharePoint Workspace 2010 – Offline Client

Deployment

Szenarios

Tips and Tricks

Groove Server 2010

Different types of workspaces



- **Workspace 2007**
 - Always encrypted also on hard disc
 - Always on the primary partition
 - No search for documents



- **Workspace 2010**
 - **Not** encrypted
 - Always on the primary partition
 - Search for documents possible



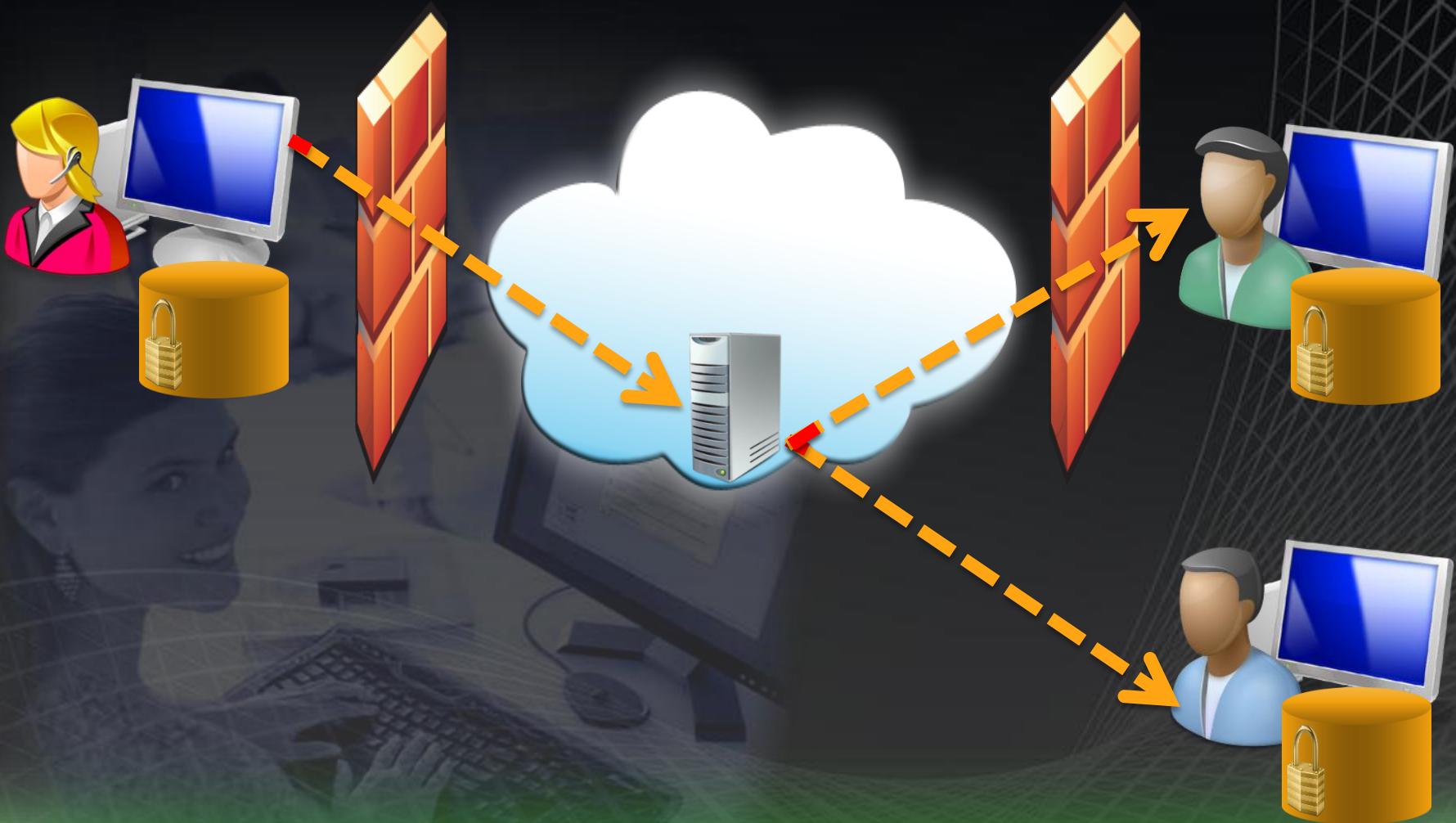
- **Shared folder**
 - **Not** encrypted
 - Search for documents possible
 - only documents

Within your own network



- peer 2 peer network without a relay server

Behind the Firewall



- Via relay server from Microsoft
- TCP 2492 /80 – TCP 443

Procedure



1. *Select workspace*
2. *Send invitation (21 days)*
3. *Assign role*
4. *Accept confirmation
(same computer)*
5. *Bring documents into the workspace*
6. *Initial synchronization (automatic)*



Roles:

Manager:

Participant:

Guest:

May invite other users

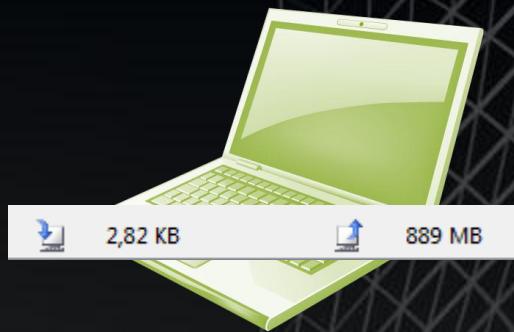
Read and write

Read and write

Read only

Communications-Manager

Control via Communications-Manager Only limited control



Advanced Network Settings

Network Settings Network Diagnostics

Advanced Network Settings shows the network settings used by your identity to communicate with other SharePoint Workspace users.

Setting	Value
Account URL	grooveAccount://g8gxkybupm6krzzsvc3fkfs2and
Device Presence Protocol Server URL for BLUEW7...	grooveDNS://blugro1relay.groove.microsoft.com
Device Presence Protocol Server URL for BLUEW7...	grooveDNS://blugro1relay.groove.microsoft.com
Device Presence Protocol Server URL for VAIOHO...	grooveDNS://blugro1relay.groove.microsoft.com
Device Presence Protocol Server URL for WIN7O2...	grooveDNS://blugro1relay.groove.microsoft.com
Device Presence Protocol Server URL for WIN7SP1E	grooveDNS://blugro1relay.groove.microsoft.com
Device URL for BLUEW7O2010BETA	dpp://mdx3qgb45wwtbcjbt6u84ittvqwn9apbn4g;
Device URL for VAIOHOST01	dpp://pnnqnt2pqqjy7fgqfjf4wc6fytdm62mtrn
Device URL for WIN7O2K10	dpp://mhbur5sbq3ppi4x4d5g8uqw7ch7m9c2n9;
Device URL for WIN7SP1E (This Computer)	dpp://9cpqukw4ce2bb57kxzrw9wnmpdh6x38x4a
Home GMS URL	http://blugro1gms.groove.microsoft.com/gms.dll
Identity URL	grooveIdentity://vgv3327tiugnjawbtk86uzmbcur;
Network Address for BLUEW7O2010BETA	[Automatic]
Network Address for BLUEW7VHD01	[Automatic]
Network Address for VAIOHOST03	[Automatic]

Modify Copy to Clipboard OK

Tools

Workspace 2007

Files

Discussion

Meetings

Calendar

Issue Tracking

SharePoint Files

Notepad

Pictures

Sketchpad

Chess

Groove 2007 or

SharePoint Workspace 2010

encrypted, no Search available

workspace2010

Files

Discussion

Meetings

Calendar

Issue Tracking

SharePoint Files

Notepad

Pictures

Sketchpad

Chess

only

SharePoint Workspace 2010

Not encrypted, Search available via Search Federation



Tools

workspaces

Files

Discussion

Meetings

Calendar

Issue Tracking

SharePoint Files

Notepad

Pictures

Sketchpad

Chess

Workspace 2007 - Files - Microsoft SharePoint Workspace

File Home Workspace View

New Document Add Documents New

Cut Copy Copy as Link Save As Properties Up Rename Delete

Clipboard Documents

Mark Read Mark Unread Previous Unread Next Unread Track

Launchbar Search Go To

Content

- Files
- Discussion
- Meetings
- Calendar
- Issue Tracking
- SharePoint Files
- Notepad
- Pictures
- Sketchpad
- Chess Game

Members Chat

Files

Folders

Name	Size	Type	Modified Date	Modified By
Dokument WS2007	13KB	Microsoft Word Doc...	10/19/2010 3:41:26 ...	Hans Brender

Files (Root Folder)



Tools

workspaces

Files

Discussion

Meetings

Calendar

Issue Tracking

SharePoint Files

Notepad

Pictures

Sketchpad

Chess

Workspace 2007 - Discussion - Microsoft SharePoint Workspace

File Home Workspace View

New Item Save & Close Cancel New

Cut Copy Copy as Link Delete

Paste

Clipboard

Items

Mark Read Mark Unread

Set Alerts Previous Unread Next Unread

Find Clear Results

Launchbar Search

Find Go To

Content

Files Discussion Meetings Calendar Issue Tracking SharePoint Files Notepad Pictures Sketchpad Chess Game

Members Chat

Discussion

Date	Subject	Author
6/15/2011 1:23 PM	Possibilities of the vendor to access SharePoint Server 2010	Hans Brendler

Subject Possibilities of the vendor to access SharePoint Server 2010 behind the firewall
Category Security
by Hans Brendler on 6/15/2011 1:23 PM Modified by Hans Brendler on 6/15/2011 1:29 PM
our IT do not allow them, to access SharePoint Server 2010
you have to deal with Groove Workspaces of SharePoint Workspace 2010

Current View: by Date Records in view: 1



Tools

workspaces

Files

Discussion

Meetings

Calendar

Issue Tracking

SharePoint Files

Notepad

Pictures

Sketchpad

Chess

Workspace 2007 - Meetings - Microsoft SharePoint Workspace

File Home Workspace View

New Meeting New Paste Cut Copy Copy as Link Delete Meetings Format Text Mark Read Mark Unread Previous Unread Track Launchbar Search Go To Spelling Proofing

Content

- Files
- Discussion
- Meetings
- Calendar
- Issue Tracking
- SharePoint Files
- Notepad
- Pictures
- Sketchpad
- Chess Game

Meetings

All Meetings

Meeting Date with SharePoint Workspace 2010 (Groove 2007)

Created by: Hans Brender on Wednesday, June 15, 2011 1:03:33 PM W. Europe Daylight...

Profile	Attendees	Agenda	Minutes	Actions
Start:	6/15/2011	1:15 PM		
End:	6/15/2011	2:15 PM		
Location:	Online			
Attachments:	 (0)			
Details:	What options SharePoint 2010 offers workspace to organize meetings			

Only in workspace 2007



Tools

workspaces

Files

Discussion

Meetings

Calendar

Issue Tracking

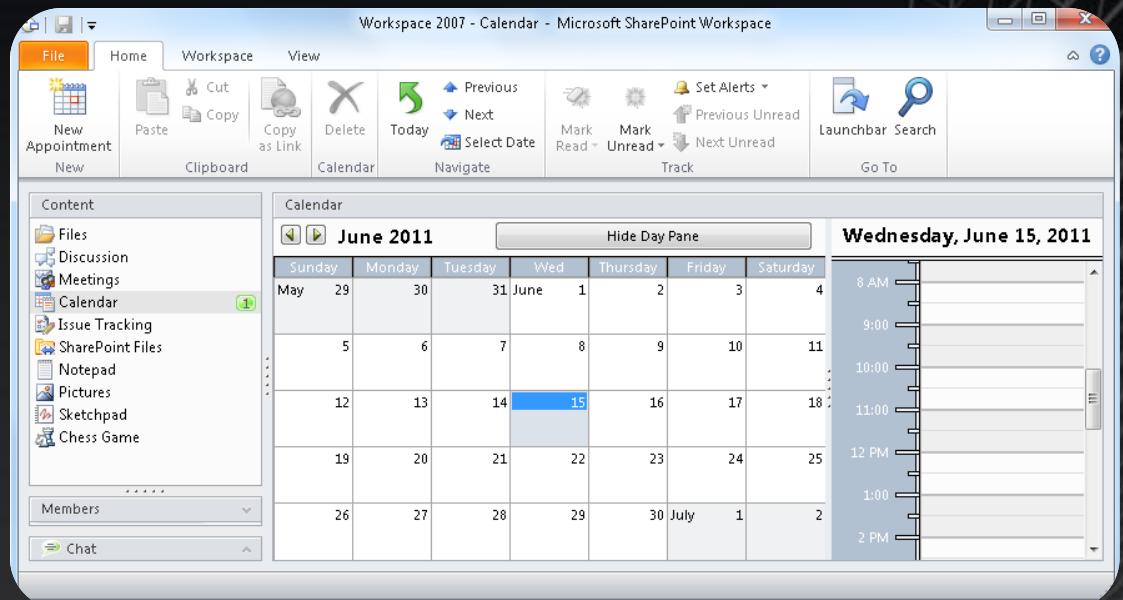
SharePoint Files

Notepad

Pictures

Sketchpad

Chess



Tools

workspaces

Files

Discussion

Meetings

Calendar

Issue Tracking

SharePoint Files

Notepad

Pictures

Sketchpad

Chess

Workspace 2007 - Issue Tracking - Microsoft SharePoint Workspace

File Home Workspace View

New Save & Close Cancel Item New Paste Cut Copy Copy as Link Delete Mark Read Mark Unread Set Alerts Previous Unread Next Unread Find Clear Results Launchbar Search Go To

Content

- Files
- Discussion
- Meetings
- Calendar
- Issue Tracking
- SharePoint Files
- Notepad
- Pictures
- Sketchpad
- Chess Game

Members Chat

Issue Tracking

ID	Created	Entered by	Title	Sta...	Prio...	Originate...	Assigned to
HBRR-0935EEC85	6/15/2011	Hans Brendler	Windows Server 2008 R2				

Category

Original Report Current Status

Entered by Hans Brendler On 6/15/2011 2:55 PM

Originated by: Organization Individual

Description: is the Hyper-V environment and setting compatible

Current View: All Records in view: 1

Only in workspace 2007



Tools

Arbeitsbereiche

Files

Discussion

Meetings

Calendar

Issue Tracking

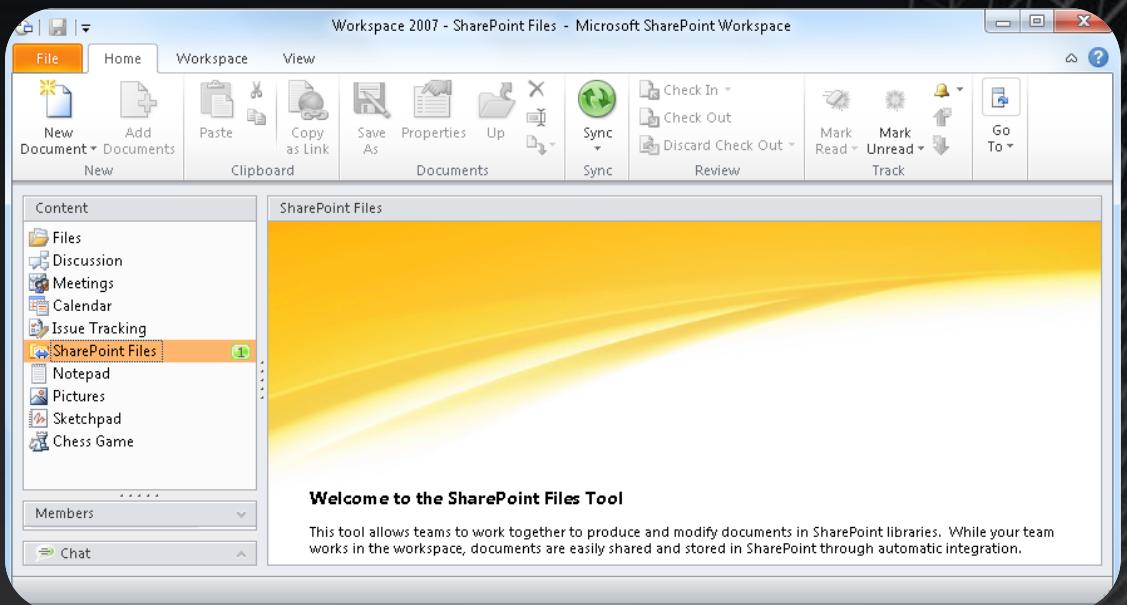
SharePoint Files

Notepad

Pictures

Sketchpad

Chess



Only in workspace 2007



Tools

workspaces

Files

Discussion

Meetings

Calendar

Issue Tracking

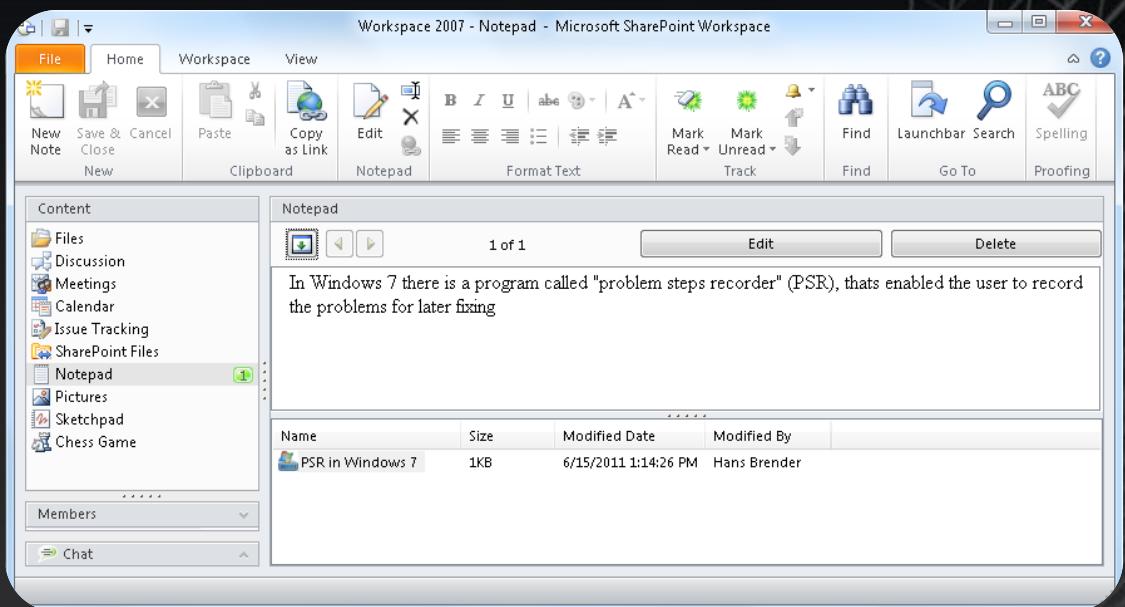
SharePoint Files

Notepad

Pictures

Sketchpad

Chess



Tools

Arbeitsbereiche

Files

Discussion

Meetings

Calendar

Issue Tracking

SharePoint Files

Notepad

Pictures

Sketchpad

Chess



Tools

workspaces

Files

Discussion

Meetings

Calendar

Issue Tracking

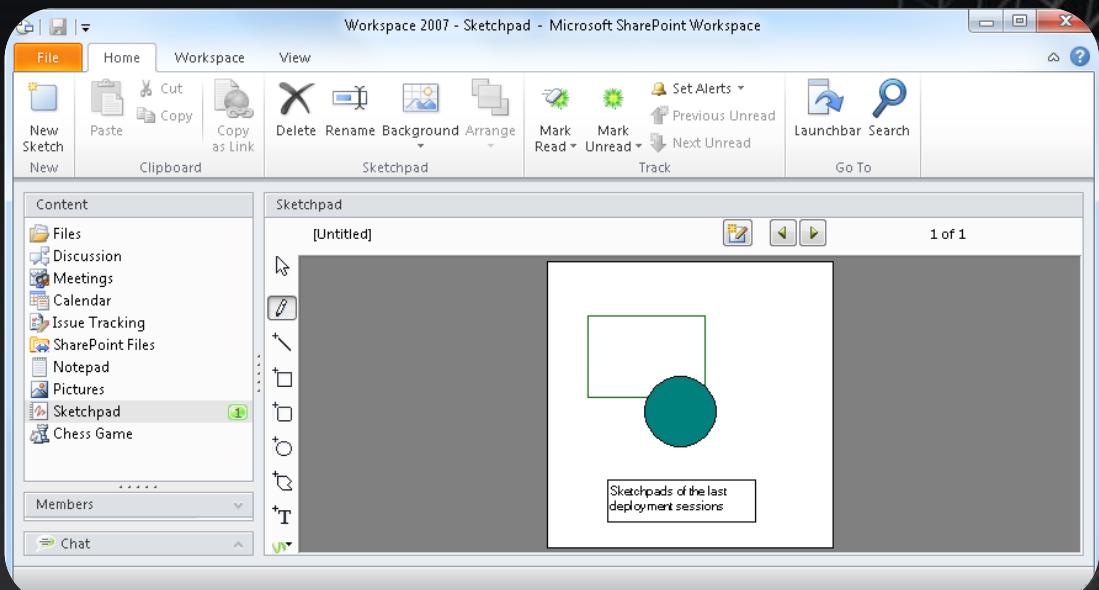
SharePoint Files

Notepad

Pictures

Sketchpad

Chess



Tools

workspaces

Files

Discussion

Meetings

Calendar

Issue Tracking

SharePoint Files

Notepad

Pictures

Sketchpad

Chess



Searching in workspaces

Workspace 2007:

NO

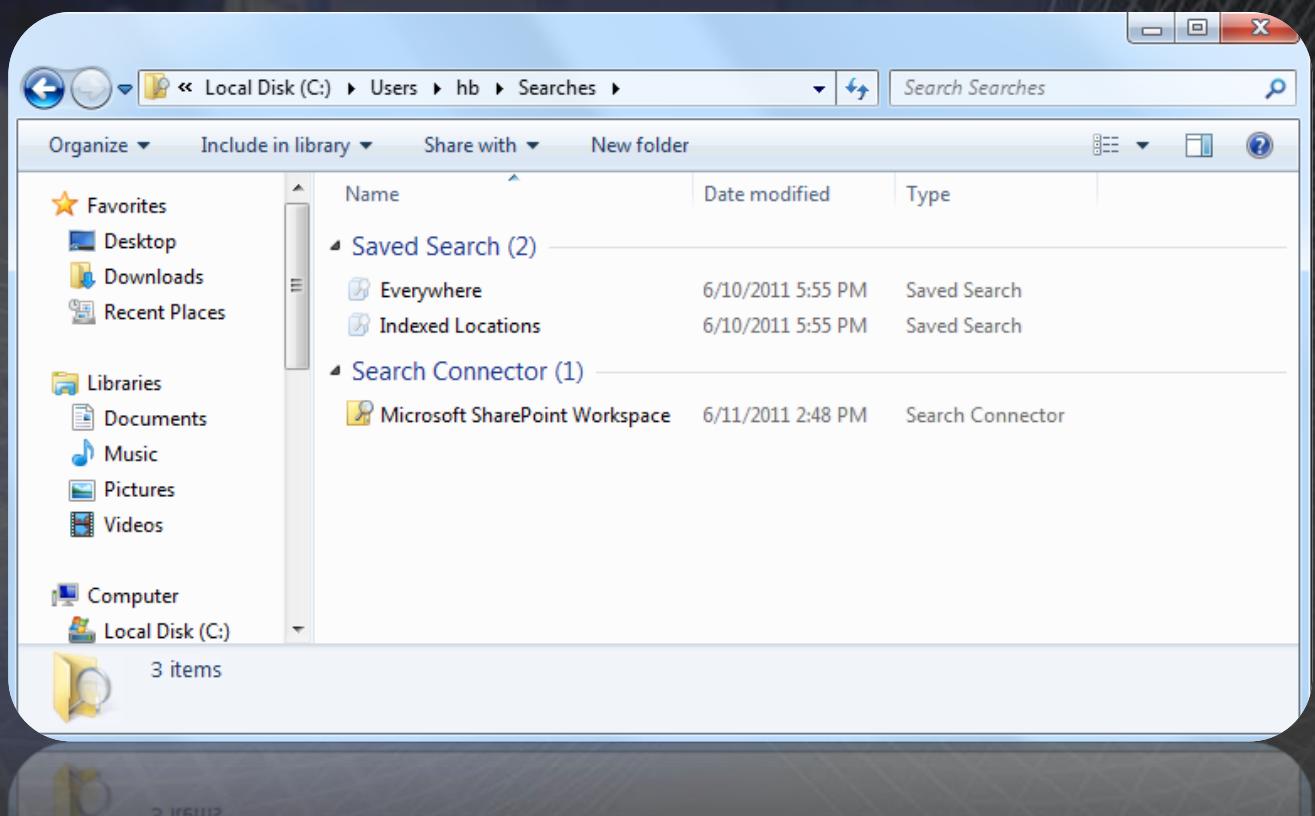
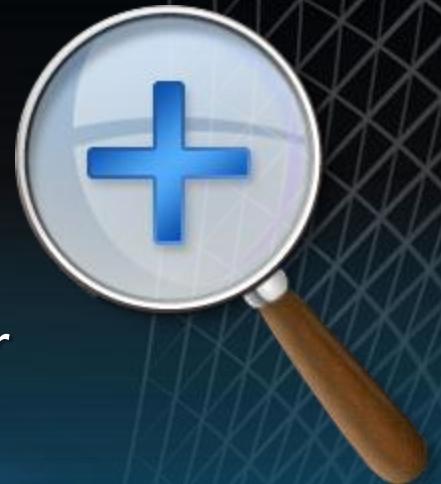
Workspace 2010:

YES, Search Connector

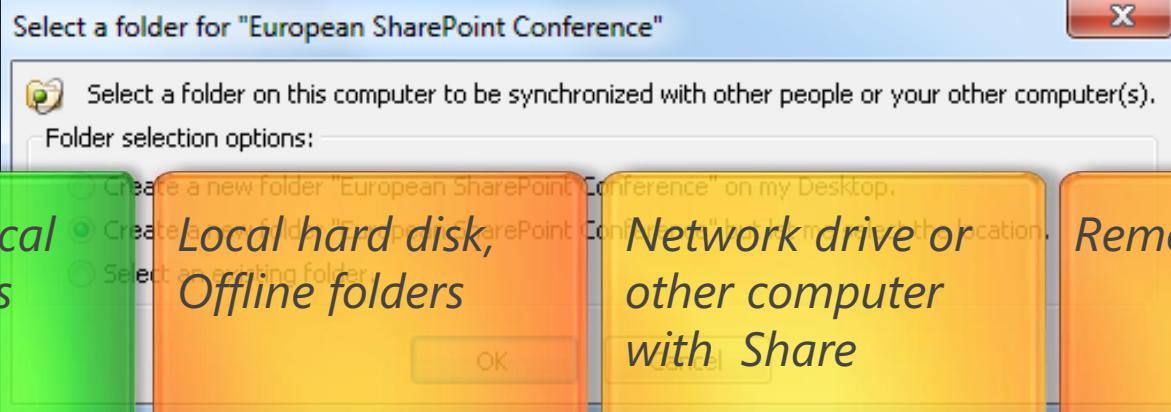
Shared folder: YES

SharePoint Workspace:

YES



Location of shared folders



Location	All local drives	Local hard disk; Offline folders	Network drive or other computer with Share	Removable disk
Storage possible	YES	NO <i>(but the folder is created)</i>	NO	NO
Error Message	NO	<i>This folder cannot be synced, because he is on a remote drive</i>	<i>This folder cannot be synced, because he is on a remote drive</i>	<i>This folder cannot be synced, because he is on a removable disk</i>

Agenda

Historie

SharePoint Workspace 2010 – P2P

SharePoint Workspace 2010 – Offline Client

Deployment

Szenarios

Tips and Tricks

Groove Server 2010

...the optimal offline client

Only SharePoint Server 2010

SharePoint Server 2010 Standard
SharePoint Server 2010 Enterprise
*SharePoint Server 2010 Foundation**
SharePoint Online (Office 365)



Synchronization

Announcements
Pictures
Customized Reports
Form Templates
Shared Documents

Ressources

Links

~~*Calendar*~~

Team Discussion

~~*WhereAboutUs*~~

~~*Sitepages*~~

...der optimale Offline Client

Nur SharePoint Server 2010

SharePoint Server 2010

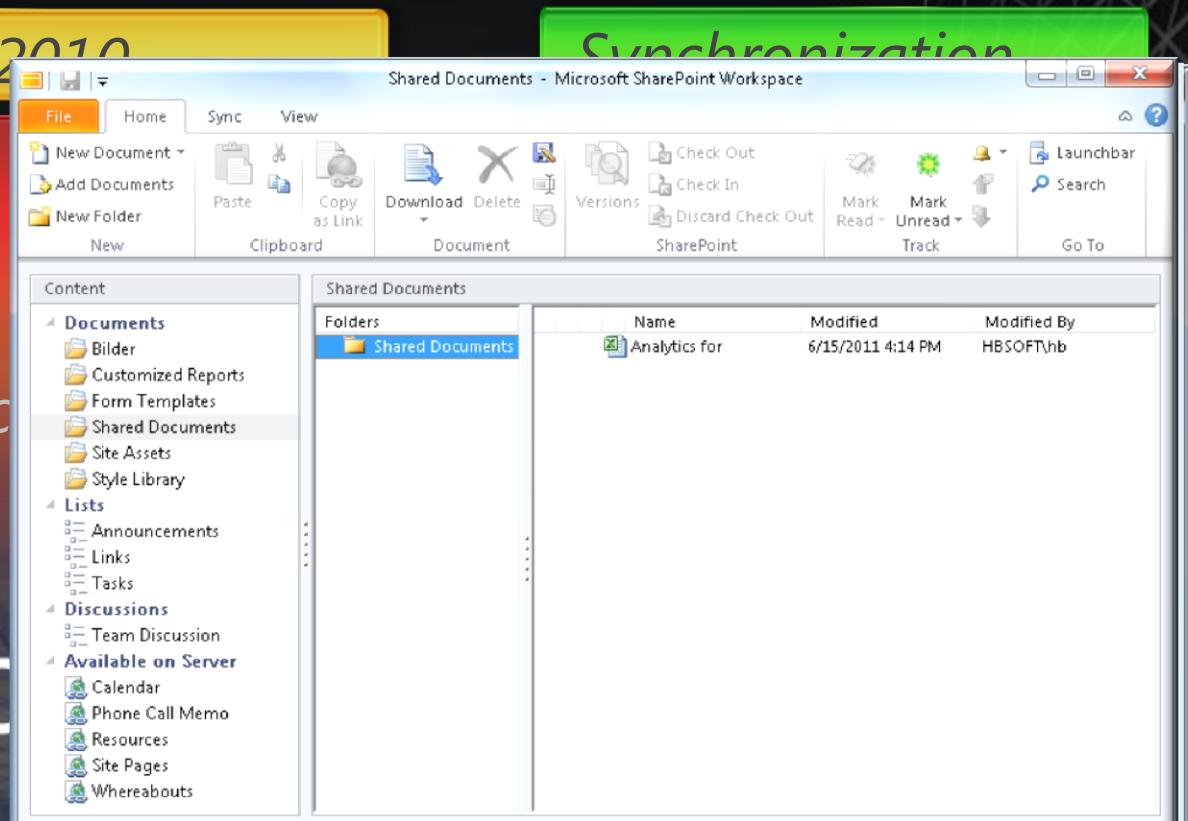
SharePoint Server 2010

SharePoint Server 2010

SharePoint Online (Office 365)



Microsoft®
SharePoint



Site pages

Online – Offline: View

SharePoint Server 2010

Shared Documents - All Documents - Windows Internet Explorer

http://hbsp05/sqtm/Demo%20Documents/Forms/AllItems.aspx

Favorites Suggested Sites Get More Add-ons Beispiel einer Webseite, di... blogoscoop Blog und Spa... Facebook Startseite Microsoft Exchange

Shared Documents - All Documents

Site Actions Browse Documents Library

sqtm Shared Documents All Documents Share a document with the team by adding it to this document library.

Home Kutschbach BW

Pictures Bilder

Analytics for Twitter

Blog SharePoint Workspace 2010

Contoso Umsätze FY09 UC

Contoso Umsätze FY09 UC

Contoso Umsätze FY10 UC

Contoso Umsätze FY10 UC

Ein normaler Text

HP Device Inspektion

Inspektion

IRM

Office 2010 Lic

Office Now Partner Briefing Deck für LARS und SI

OfficeNOW Setup - TW-2009-10-04

OfficeNOW Setup

OfficeNow! - Intro Komp

OfficeNow! - Intro

Recycle Bin

All Site Content

javascript:

SharePoint Workspace 2010

Shared Documents - Microsoft SharePoint Workspace

File Home Sync View

New Document Add Documents New Folder New

Paste Copy as Link Download Delete Clipboard

Check Out Check In Discard Check Out SharePoint

Versions Mark Read Mark Unread Track

Launchbar Search Go To

Content Shared Documents

Documents

- Bilder
- Customized Reports
- Form Templates
- Shared Documents
- Site Assets
- Style Library

Lists

- Announcements
- Links
- Tasks

Discussions

- Team Discussion

Available on Server

- Calendar
- Phone Call Memo
- Resources
- Site Pages
- Whereabouts

Folders Shared Documents

Shared Documents

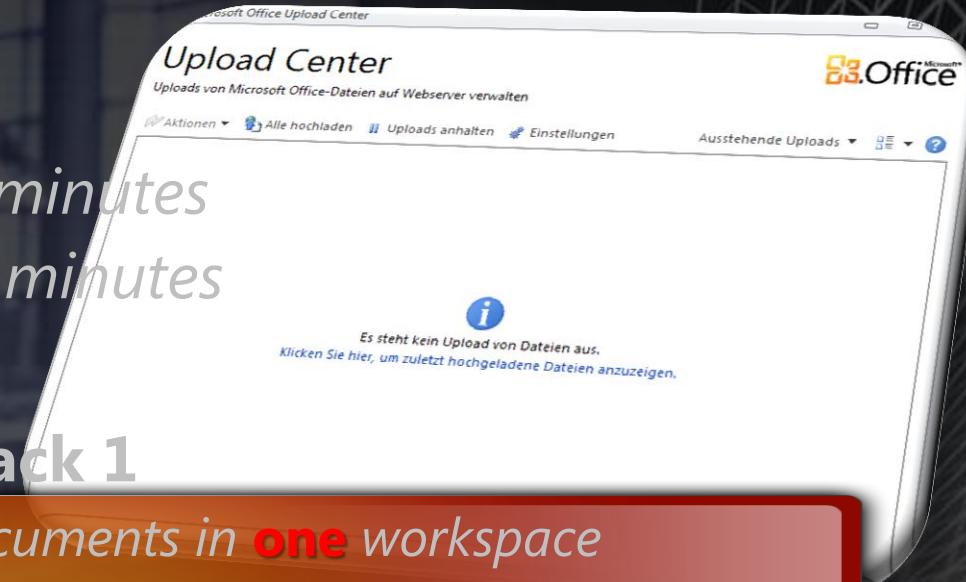
Name	Modified	Modified By
Abwesenheitsmeldung	6/15/2011 4:28 PM	HBSOFT\hb
Analytics for	6/15/2011 4:14 PM	HBSOFT\hb
Blog SharePoint	6/15/2011 4:28 PM	HBSOFT\hb
Contoso Umsätze	6/15/2011 4:28 PM	HBSOFT\hb
Contoso Umsätze	6/15/2011 4:28 PM	HBSOFT\hb
Contoso Umsätze	6/15/2011 4:28 PM	HBSOFT\hb
Ein normaler	6/15/2011 4:28 PM	HBSOFT\hb
HP Device	6/15/2011 4:28 PM	HBSOFT\hb
Inspektion.xlsx	6/15/2011 4:28 PM	HBSOFT\hb
IRM.pptx	6/15/2011 4:28 PM	HBSOFT\hb
Office 2010 Lic.pptx	6/15/2011 4:28 PM	HBSOFT\hb
Office Now Partner	6/15/2011 4:28 PM	HBSOFT\hb
OfficeNOW Setup -	6/15/2011 4:28 PM	HBSOFT\hb
OfficeNOW	6/15/2011 4:28 PM	HBSOFT\hb
OfficeNow! - Intro	6/15/2011 4:28 PM	HBSOFT\hb
OfficeNow! -	6/15/2011 4:28 PM	HBSOFT\hb
OfficeNow!.docx	6/15/2011 4:28 PM	HBSOFT\hb
ON Installation.xlsx	6/15/2011 4:28 PM	HBSOFT\hb
OfficeNow! -	6/15/2011 4:28 PM	HBSOFT\hb

Last synchronized 6/15/2011 4:32:34 PM

SharePoint Workspace - Synchronization

Office Upload Center

- *automatically*
- *Open workspace – every **10** minutes*
- *Closed workspace – every **20** minutes*



Optimization before Service Pack 1

best Performance :

Synchronization:

Flagged:

*<500 Documents in **one** workspace*

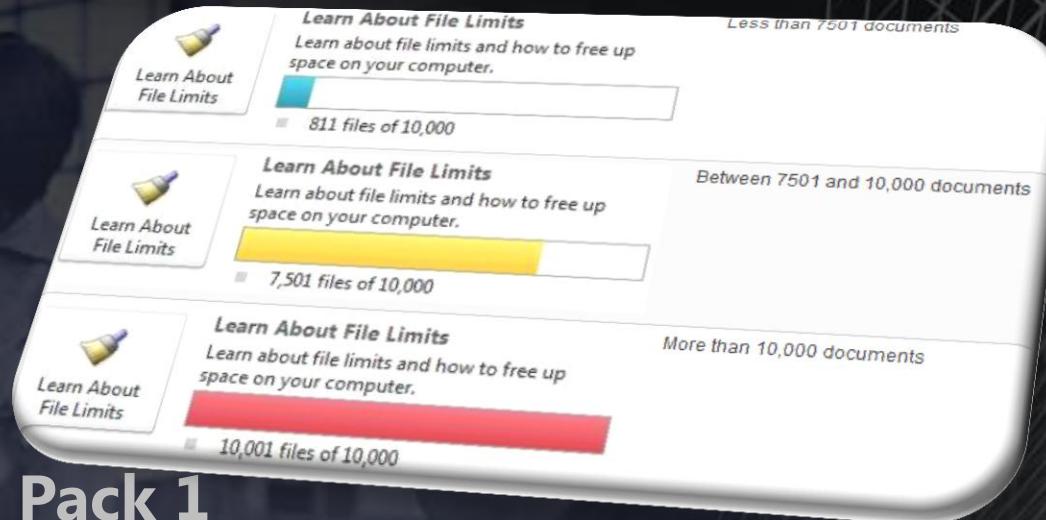
*<1800 Documents in **all** workspaces*

*>1800 Documents in **all** synch. workspaces.*

No Synchronization.

Only when you try to open a document, the document will be synchronized.

SharePoint Workspace - synchronization



Optimization with Service Pack 1

>7500

*If you have more than 7500 documents, you will receive a **warning message** in the backstage area.*

>10000

*If you have more than 10000 documents, you will receive a **warning message** in the backstage area.*

IRM

Information Rights Management

- Protection of the document
 - Read only
 - Copy
 - Print
 - Date

Word
Excel
PowerPoint

IRM Bibliothek on
SharePoint Server



IRM settings

IRM is set for individual documents stored in SharePoint Server 2010

Results in SharePoint Workspace

The Documents are synchronized and subject to the rights in the document access is granted

IRM is set for a SharePoint library on the SharePoint Server 2010

Documents are **not** synchronized. If you set the IRM Level after first synchronization, you may have access to these documents in SharePoint Workspace 2010, but the documents **will not synchronize** with SharePoint Server 2010

SharePoint Mobile

Devices:

Windows Phone 6.5

Windows Phone 7



Part of:

Microsoft Office Mobile

Connection only with

SharePoint Server 2010

SharePoint Foundation 2010

SharePoint Online (Office 365)



Agenda

Historie

SharePoint Workspace 2010 – P2P

SharePoint Workspace 2010 – Offline Client

Deployment

Szenarios

Tips and Tricks

Groove Server 2010

Plan for SharePoint Workspace 2010

Topology options
for SharePoint
Workspace 2010

Network settings
for SharePoint
Workspace 2010

Scalability and
performance
considerations

Security
considerations

SharePoint
Workspace user
authentication

Alternate access
mapping

SharePoint list and
library actions and
settings

Search options

SharePoint
Workspace backup
and recovery

Plan of SharePoint Workspace 2010

*SharePoint Workspace
as a SharePoint-Client*

*Access documents and lists from
SharePoint Server team members,
Online and Offline*



Plan of SharePoint Workspace 2010

*SharePoint Workspace
as a client for peer
collaboration*

*Team members, which work online and
Offline. Expansion of the team beyond
the private network*



Plan of SharePoint Workspace 2010

SharePoint Workspace and Groove Server for a managed System for collaboration.

Centralized management of peer collaboration. Team members, which work Online and Offline. Integration into active directory



Configuration and Customization

Review customization options for SharePoint Workspace 2010



Control use of Groove workspaces



Enable IPv6



Prefer IPv4



Remove legacy files and registry settings



Prevent Windows Search crawling for SharePoint Workspace

Office Customization Tool (OCT)

Group Policy Preferences (GPP)



Agenda

Historie

SharePoint Workspace 2010 – P2P

SharePoint Workspace 2010 – Offline Client

Deployment

Szenarios

Tips and Tricks

Groove Server 2010

Szenarios:

Client outside the internal network

Access to the internal network

Yes

Client CAL

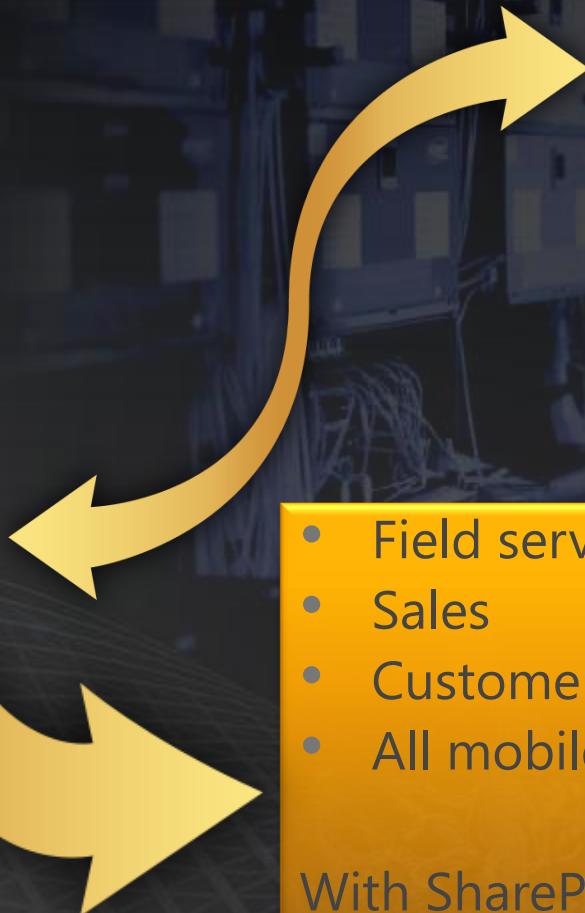
NO

Microsoft®
SharePoint® Workspace 2010



- Tax consultant - client
- Associations, advertising agencies
- Small organizations
- Companies with field service
- all companies without any server

Szenarios:



- Field service
- Sales
- Customer Care
- All mobile users

With SharePoint Server 2010

Agenda

Historie

SharePoint Workspace 2010 – P2P

SharePoint Workspace 2010 – Offline Client

Deployment

Szenarios

Tips and Tricks

Groove Server 2010

Tips & Tricks: Backup

Often neglected: Backup

In general:



*Are there any other members in the various work areas and shared folders, it is sufficient, to **secure** the **account information** in order to regain access to all your data, however, **this process may take some time**.
you can not immediately access the data.*

SharePoint Workspace 2010

Groove workspace 2007

Groove workspace 2010

Shared folder

SharePoint workspace

Beschreibung

Use the archive function

Use the archive function

Use windows backup tools

Backup on SharePoint Server

Tipps & Tricks: Lync-Integration



Integration of Communicator Client Lync Client

LYNC CLIENT



Microsoft®
Office Communicator 2007

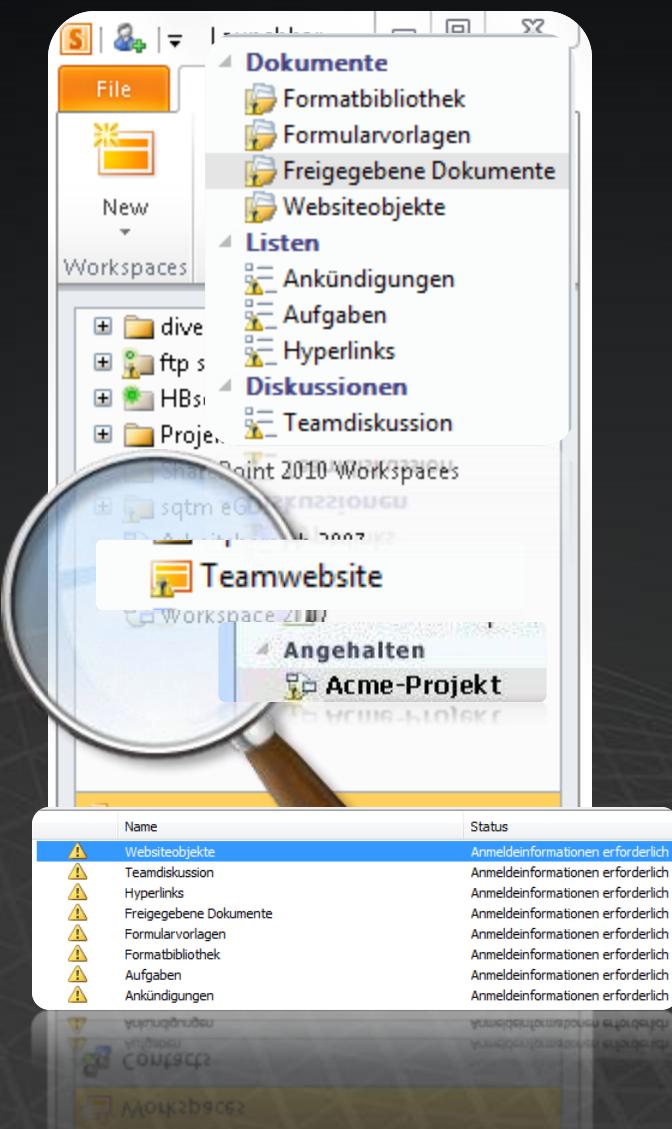
Peter Moy
Verfügbar - Außerhalb der Arbeitszeit für...
SNR TSP COLLAB PLATFORM, DE-EPG ST...

Abteilung DE-EPG STU BPIO 2
Büro COLOGNE/CO3.01
Arbeit +4922180101328
Mobil +491605892328
Privat
E-Mail peter.moy@microsoft.com
Kalender Außerhalb der Arbeitszeit für die nächs...
Ort Vacation (20:34)

Peter Moy
Verfügbar - Außerhalb der Arbeitszeit für...
SNR TSP COLLAB PLATFORM, DE-EPG ST...

Abteilung DE-EPG STU BPIO 2
Büro COLOGNE/CO3.01
Arbeit +4922180101328
Mobil +491605892328
Privat
E-Mail peter.moy@microsoft.com
Kalender Außerhalb der Arbeitszeit für die nächs...
Ort Vacation (20:34)

Tips & Tricks: Synchronization Errors



workspace 2007

Peer to Peer

workspace 2010

Peer to Peer

shared folder

Peer to Peer

SharePoint workspace

SharePoint

the log file enlarged to big, if

- *members > 3 weeks not online*
- *workspaces > 100 MB*
- *If you are not Online (SharePoint)*

*Unloading, re-invite
or new invite (SharePoint)*



Tipps & Tricks: Encryption



workspace type	encryption Disk – File Data ①	encryption Disk – non-File Data	encryption over the network
SharePoint	NO ②	NO ②	NO ③
Groove workspace 2010	NO ②	YES	YES
Groove workspace 2007	YES	YES	YES
Shared Folder	NO	YES (for example Chat)	YES



- ① This includes all documents and file tools, as well as attachments in other tools.
- ② Data on the hard disk may be encrypted using Windows BitLocker.
- ③ Data flow between SharePoint Server and SharePoint Workspace may be encrypted using SSL Encryption.

Tipps & Tricks: GrooveClean.exe

Synchronization-problems:

*First, you have to end **completely** SharePoint Workspace 2010*

Enter into the command line:

Clean

C:\Program Files\Microsoft Office\Office14\Groove.exe /clean
Deletes temporary data

Clean /ALL

C:\Program Files\Microsoft Office\Office14\Groove.exe /clean /all
Deletes temporary data and all Groove / SharePoint data:

Your account, news, workspaces, contacts, and so on.

*Some parts, such as messages **cannot** be restored, even if you have replicated /synchronized them with another computer (with the same account)*

You should not use this option for diagnostic purpose.

This is really the last option

Agenda

Historie

SharePoint Workspace 2010 – P2P

SharePoint Workspace 2010 – Offline Client

Deployment

Szenarios

Tips and Tricks

Groove Server 2010

Groove Server



*Managing SharePoint Workspace user accounts
Administrative and operational tools, guidelines,
configuration, reports*



*WAN communication service
Presence information
news services*

Link-List 1

E-Mail invitation

<http://bit.ly/i0sHu5>

Approve

<http://bit.ly/iVhC3z>

*Communications-Manager
workspaces 2007/2010*

<http://bit.ly/jhgnTl>

Account – Single Sign On

<http://bit.ly/kyjIY6>

Location of shared folders

<http://bit.ly/jQZm4t>

Deleting workspaces

<http://bit.ly/kwgVW0>

Search

<http://bit.ly/hOV7Y6>

Offline Client

<http://bit.ly/ll2b3j>

Synchronization

<http://bit.ly/jKfOzX>

Optimizing workspace Storage

<http://bit.ly/kFNI9o>

Information Rights Management

<http://bit.ly/jkEWV6>

SharePoint Mobile

<http://bit.ly/l9SLf6>

Planning and Deploying

<http://bit.ly/l36Oed>

Group policies

<http://bit.ly/iTutqq>

Configuration

<http://bit.ly/k1PCAF>

<http://bit.ly/kvRreC>

Link-List 2

Backup

<http://bit.ly/lHTPtB>

SharePoint Workspace versus Groove

<http://bit.ly/kIFMpq>

Office 365 and SharePoint Workspace

<http://bit.ly/joGXOF>

Firewall Warning

<http://bit.ly/lhahKL>

Lync Integration

<http://bit.ly/etQa4Y>

Licensing

<http://bit.ly/jmlAOU>

Groove Server 2010

<http://bit.ly/mwqxms>

Synchronization-Errors

<http://bit.ly/jbfTp4>

no Synchronization

<http://bit.ly/mir8Ut>

Offline-folders versus SharePoint WS

<http://bit.ly/kin640>

Be careful with Offline-Files

<http://bit.ly/iT7ZWD>

How to set an Account on 2nd PC

<http://bit.ly/kBsgfW>

Encryption

<http://bit.ly/lwomTJ>

Deleting files

<http://bit.ly/k0jHKj>

Groove Server 2010

<http://bit.ly/jatyhQ>



*Hans.Brender@sqtm.net
hansbrender.wordpress.com*

Danke

Thank you

